

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	49	(US-6294357-\$ or US-6088799-\$ or US-6101539-\$ or US-4781519-\$ or US-5510954-\$ or US-5596483-\$ or US-5638497-\$ or US-5735543-\$ or US-5736932-\$ or US-5845124-\$ or US-5884098-\$ or US-5890163-\$ or US-5903716-\$ or US-5999977-\$ or US-6006252-\$ or US-6009508-\$ or US-6023617-\$ or US-6037935-\$ or US-6049802-\$ or US-6108636-\$ or US-6111506-\$ or US-6219226-\$ or US-6287765-\$ or US-6332154-\$ or US-6342581-\$ or US-6410709-\$).did. or (US-6420526-\$ or US-6433139-\$ or US-6475753-\$ or US-5671409-\$ or US-4792986-\$ or US-6002982-\$ or US-6020889-\$ or US-6026392-\$ or US-6148262-\$ or US-6178510-\$ or US-4384311-\$ or US-4390968-\$ or US-4493030-\$ or US-5184315-\$ or US-5218631-\$ or US-5272769-\$ or US-5349633-\$ or US-5369732-\$ or US-5387135-\$ or US-5395243-\$ or US-5457800-\$ or US-5463838-\$ or US-5515491-\$).did.	USPAT	OR	ON	2006/09/16 14:29
S2	870	((virtual adj machine adj manager) or VMM)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:30
S3	94	((virtual adj machine adj manager) or VMM) with (firmware or ROM or EPROM or EEPROM)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:42
S4	6207	(protect or protected or protection) with (area or region) with (memory or disk or disc or drive or flash or ROM or EPROM or EEPROM)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:33
S5	9	S3 and S4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:33
S6	14216453	@ad<"20040319"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:33
S7	5	S5 and S6	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:36
S8	5	(US-20050081212-\$ or US-20040268135-\$ or US-20040103299-\$).did. or (US-6240531-\$ or US-5991856-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/16 14:36
S9	3020248	OS or (operating adj system)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:37

## EAST Search History

S10	747	S4 same S9	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:37
S11	7	S3 and S10	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:37
S12	4	S6 and S11	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:38
S13	0	S12 not S8	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:38
S14	204	711/6.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:38
S15	2304	711/114.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:38
S16	1377	711/163.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:39
S17	4	S14 and S15 and S16	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:40
S18	2	S6 and S17	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:41
S19	2	(US-20020099901-\$).did. or (US-6895483-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/16 14:41
S20	0	S4 and S18	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:41
S21	0	S3 and S18	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:42
S22	0	S2 and S18	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:42
S23	516	((virtual adj machine) or VM) with (firmware or ROM or EPROM or EEPROM)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:42

## EAST Search History

S24	16	S4 and S23	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:43
S25	13	S6 and S24	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:43
S26	0	S14 and S25	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:43
S27	0	S15 and S25	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:43
S28	0	S1 and S25	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/16 14:43
S29	8	(US-20050081212-\$ or US-20040268135-\$ or US-20040103299-\$ or US-20030110173-\$ or US-20020194389-\$).did. or (US-7073059-\$ or US-6970960-\$ or US-4654779-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/16 14:52

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20050210180".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 16:56
L2	670495	critical	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 16:56
L3	1	1 and 2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 16:56
L4	546416	module or modules	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 16:56
L5	1	3 and 4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 16:57
L6	510	pre-boot	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 16:57
L7	1	5 and 6	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 16:58
L8	1796534	configuration	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 16:58
L9	1	7 and 8	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 16:59
L10	271614	platform	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 16:59
L11	1	9 and 10	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:01
L12	17684	emulation	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:00
L13	0	11 and 12	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:00

## EAST Search History

L14	49	(US-6294357-\$ or US-6088799-\$ or US-6101539-\$ or US-4781519-\$ or US-5510954-\$ or US-5596483-\$ or US-5638497-\$ or US-5735543-\$ or US-5736932-\$ or US-5845124-\$ or US-5884098-\$ or US-5890163-\$ or US-5903716-\$ or US-5999977-\$ or US-6006252-\$ or US-6009508-\$ or US-6023617-\$ or US-6037935-\$ or US-6049802-\$ or US-6108636-\$ or US-6111506-\$ or US-6219226-\$ or US-6287765-\$ or US-6332154-\$ or US-6342581-\$ or US-6410709-\$).did. or (US-6420526-\$ or US-6433139-\$ or US-6475753-\$ or US-5671409-\$ or US-4792986-\$ or US-6002982-\$ or US-6020889-\$ or US-6026392-\$ or US-6148262-\$ or US-6178510-\$ or US-4384311-\$ or US-4390968-\$ or US-4493030-\$ or US-5184315-\$ or US-5218631-\$ or US-5272769-\$ or US-5349633-\$ or US-5369732-\$ or US-5387135-\$ or US-5395243-\$ or US-5457800-\$ or US-5463838-\$ or US-5515491-\$).did.	USPAT	OR	ON	2006/09/20 17:04
L15	874	((virtual adj machine adj manager) or VMM)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L16	94	((virtual adj machine adj manager) or VMM) with (firmware or ROM or EPROM or EEPROM)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L17	6215	(protect or protected or protection) with (area or region) with (memory or disk or disc or drive or flash or ROM or EPROM or EEPROM)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L18	9	L16 and L17	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L19	14218818	@ad<"20040319"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L20	5	L18 and L19	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L21	5	(US-20050081212-\$ or US-20040268135-\$ or US-20040103299-\$).did. or (US-6240531-\$ or US-5991856-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/20 17:04
L22	3021310	OS or (operating adj system)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L23	748	L17 same L22	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04

## EAST Search History

L24	7	L16 and L23	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L25	4	L19 and L24	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L26	0	L25 not L21	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L27	207	711/6.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L28	2311	711/114.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L29	1380	711/163.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L30	4	L27 and L28 and L29	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L31	2	L19 and L30	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L32	2	(US-20020099901-\$).did. or (US-6895483-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/20 17:04
L33	0	L17 and L31	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L34	0	L16 and L31	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L35	0	L15 and L31	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L36	516	((virtual adj machine) or VM) with (firmware or ROM or EPROM or EEPROM)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L37	16	L17 and L36	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04

## EAST Search History

L38	13	L19 and L37	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L39	0	L27 and L38	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L40	0	L28 and L38	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L41	0	L14 and L38	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L42	13	L19 and L37	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L43	8	(US-20050081212-\$ or US-20040268135-\$ or US-20040103299-\$ or US-20030110173-\$ or US-20020194389-\$).did. or (US-7073059-\$ or US-6970960-\$ or US-4654779-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/20 17:04
L44	49	(US-6294357-\$ or US-6088799-\$ or US-6101539-\$ or US-4781519-\$ or US-5510954-\$ or US-5596483-\$ or US-5638497-\$ or US-5735543-\$ or US-5736932-\$ or US-5845124-\$ or US-5884098-\$ or US-5890163-\$ or US-5903716-\$ or US-5999977-\$ or US-6006252-\$ or US-6009508-\$ or US-6023617-\$ or US-6037935-\$ or US-6049802-\$ or US-6108636-\$ or US-6111506-\$ or US-6219226-\$ or US-6287765-\$ or US-6332154-\$ or US-6342581-\$ or US-6410709-\$).did. or (US-6420526-\$ or US-6433139-\$ or US-6475753-\$ or US-5671409-\$ or US-4792986-\$ or US-6002982-\$ or US-6020889-\$ or US-6026392-\$ or US-6148262-\$ or US-6178510-\$ or US-4384311-\$ or US-4390968-\$ or US-4493030-\$ or US-5184315-\$ or US-5218631-\$ or US-5272769-\$ or US-5349633-\$ or US-5369732-\$ or US-5387135-\$ or US-5395243-\$ or US-5457800-\$ or US-5463838-\$ or US-5515491-\$).did.	USPAT	OR	ON	2006/09/20 17:04
L45	1018	((virtual adj machine adj manager) or (virtual adj machine adj monitor) or VMM)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L46	101	((virtual adj machine adj manager) or (virtual adj machine adj monitor) or VMM) with (firmware or ROM or PROM or EEPROM or EPROM)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:07
L47	6215	(protect or protected or protection) with (area or region) with (memory or disk or disc or drive or flash or ROM or EPROM or EEPROM)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04

## EAST Search History

L48	'99	L45 and L47	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L49	1	L44 and L47	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L50	14218818	@ad<"20040319"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L51	3021310	OS or (operating adj system)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L52	74	L48 and L51 and L50	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L53	13663	RAID	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L54	0	L52 and L53	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L55	1105199	RAID or disk or disc	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L56	71	L52 and L55	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L57	55907	memory adj device adj controller or memory adj controller	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L58	7	L45 with L57	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L59	0	L56 and L58	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L60	18	L45 same L57	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04

## EAST Search History

L61	0	L56 and L60	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L62	246	L45 and L57	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L63	28	L56 and L62	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:04
L64	99	((virtual adj machine adj manager) or (virtual adj machine adj monitor) or VMM) with (device adj driver)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:08
L65	31	57 and 64	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:08
L66	22	50 and 65	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:20
L67	173	717/138.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:21
L68	494	718/1.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:21
L69	662	67 or 68	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:24
L70	14	64 and 69	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:24
L71	8	50 and 70	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/20 17:25